

Applicant: Shih et al.
U.S. Serial No. 09/347,637
Filed: July 6, 1999
Page 13

22. (Amended) The method of claim 19, further comprising the step of modifying the voxel-based virtual object based on the position of the virtual tool.

A

Applicant: Shih et al.
U.S. Serial No. 09/347,637
Filed: July 6, 1999
Page 14

23. (Amended) The method of claim 19, further comprising calculating an interaction force among the constraint geometry, the voxel-based virtual object, and the virtual tool in response to the step of determining the position of the virtual tool.

A

Applicant: Shih et al.
U.S. Serial No. 09/347,637
Filed: July 6, 1999
Page 15

24. (Amended) The method of claim 19, further comprising the steps of selecting a modification mode for the virtual tool, and modifying the voxel-based virtual object in response to the modification mode and the position of the virtual tool.